LED AREA LIGHTS - AEROMAX™ MEDIUM (XAMU)



US patent 7828456, 7952293, 8002428 and CAN 2693131 & 2701653 and US & Int'l. patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTIONS – DIM – 0-10 volt dimming enabled with controls by others. BLS – Bi-level switching responds a 120-277V signal from separate controller or sensor (by others). Low light level decreased to 30% maximum drive current.

OCCUPANCY SENSOR (IMS) - Optional internal passive infrared motion sensor activates switching of luminaire light levels. High level light activated and increased to full bright in 1-2 seconds upon detection of motion. Low light level (30% maximum drive current) activated when target zone is absent of motion activity for ~ 2 minutes and ramps down (10-15 sec.) to low level. Sensor located on the front of optical assembly. Sensor optic has a detection cone of approximately 45°. Examples of detection - occurs 30' out from a 30' mounting height pole.

LEDS - Select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature. 70 CRI.

DISTRIBUTION/PERFORMANCE - Types 3, FT and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

HOUSING - One-piece, die-formed aluminum, weather-tight housing contains factory prewired driver and field connections. Extruded one-piece EPDM gasketed wiring access door (with safety lanyard) located underneath and utilizes tool-less thumbscrew fastener. Fixture is IP65 rated.

OPTICAL UNIT - Clear tempered flat glass lens sealed to aluminum optics housing creates a sealed optical unit (includes pressure-stabilizing breather). Optical unit is recessed into housing cavity and sealed to the housing with extruded one-piece EPDM gasket. Optical unit lanyard serves dual purposes of safety and provides positive ground between unit and housing.

MOUNTING - Tapered rear design allows fixtures to be mounted in a quad pattern without the need for extension arms. Use with 3" reduced drilling pattern on round and square poles. A round pole plate (X4RPP, X5RPP) is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-*-CLR). See Accessory Ordering Information chart for all brackets.

ELECTRICAL - A terminal block for attachment of incoming primary wiring is supplied. Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input), and 347-480 VAC. Optional twistlock photocell receptacle is available. Photocell must be ordered separately.

DRIVER - Available in SS (Super Saver) and HO (High Output) drive currents (Drive currents are factory programmed). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards. Driver and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F).

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - 39 lbs. / 17.7 Kg

LISTING - ETL listed to U.S. and International safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XAMU

		# of LEDS	Lumens (Nominal) Type 3	Type FT	Type 5	Watts (Nominal)
Cool White	SS	128	13500	14100	12100	139
	HO	128	16500	17300	14800	176
Neutral White	SS	128	12400	13200	11200	139
	HO	128	15000	15800	12500	176

LED Chips are frequently updated therefore values may increase.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

ARRA Funding Compliant · Intertek wet location · RoHS COMPLIANT · FC · CE · IP65

Fixtures comply with ANSI C136.31-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 3G requirements.

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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XAMU FT LED 128 HO CW UE WHT PCR**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XAMU	3 - Type III 5 - Type V FT - Forward Throw	LED	128	SS - Super Saver HO -High Ouput	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277) 347-480 - Universal Voltage (347-480V)	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	**Wireless Control System**[1,2] ((blank) - None PCM - Platinum Control System PCMH - Host/Satellite Platinum Control System GCM - Gold Control System GCMH - Host/Satellite Gold Control System DIM - 0-10 volt dimming (required for satellite fixtures) **Stand-Alone Control** (blank) - None DIM - 0-10 volt dimming[3] (from external signal) BLS - Bi-level Switching[4] (from external signal - required 120-277V controls system voltage)	**Sensor** IMS - Integral Motion Sensor[5] **Options** PCR - Photoelectric Control Receptacle[6]

LUMINAIRE EPA CHART - XAMU

	Single	1.4
	D180°	2.8
	D90°	2.4
	T90°	4.0
	TN120°	4.0
	Q90°	4.7

Note: House Side Shield adds to fixture EPA. Consult Factory.

ACCESSORY ORDERING INFORMATION[1]

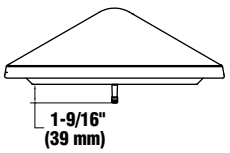
(Accessories are field installed)

Description	Order Number	Description	Order Number
BKA-XBO-EC-6-CLR 6" Extension Arm	382136CLR	FK120 Single Fusing (120V)	FK120[9]
BKS-XBO-WM-*-CLR Wall Mounting Bracket	382132CLR	FK277 Single Fusing (277V)	FK277[9]
XAMU-HSS House Side Shield (Black only)	524670BLK[7]	DFK208, 240 Double Fusing (208V, 240V)	DFK208,240[9]
X4RPP Round Pole Plate for 4" Poles	379967CLR	DFK480 Double Fusing (480V)	DFK480[9]
X5RPP Round Pole Plate for 5" Poles	379968CLR	FK347 Single Fusing (347V)	FK347[9]
PC120 Photocell for use with PCR option (120V)	122514[8]	PMOS120 120V Pole-Mount Occupancy Sensor	518030CLR[10]
PC208-277 Photocell for use with PCR option (208V, 240V, 277V)	122515[8]	PMOS208/240 208V, 240V Pole-Mount Occupancy Sensor	534239CLR[10]
PC347 Photocell for use with PCR option (347V)	159516[8]	PMOS277 277V Pole-Mount Occupancy Sensor	518029CLR[10]
PC480 Photocell for use with PCR option (480V)	1225180[8]	PMOS480 480V Pole-Mount Occupancy Sensor	534240CLR[10]

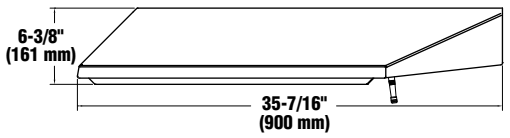
FOOTNOTES:

1- For wireless controls information and accessories, see Controls section.
2- Requires a SiteManager and override switch. Not compatible with BLS or IMS option.
3- Not compatible with IMS or BLS option.
4- Not compatible with wireless controls system, DIM or IMS option.
5- Not compatible with wireless controls system, DIM or BLS option.
6- Photocell must be ordered separately. See Accessories.
7- House Side Shields add to fixture EPA. Consult factory.
8- Factory installed PCR option required. See Options.
9- Fusing must be located in the hand hole of pole.
10- To be used in conjunction with any of the PCM/GCM wireless controls systems in fixture. Consult factory.

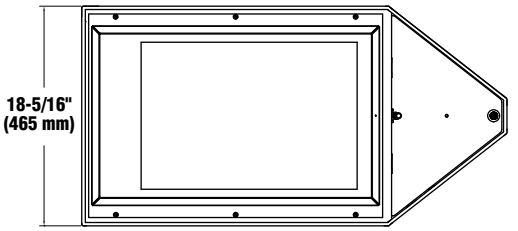
DIMENSIONS (shown with PCM/GCM controls)



Front View

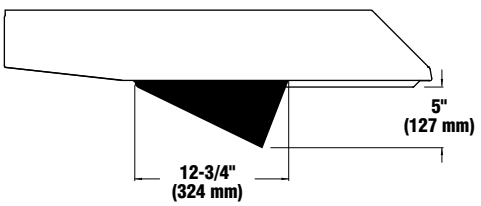


Side View



Bottom View

XAMU HSS - House Side Shield



Project Name _____ Fixture Type _____

Catalog # _____

7/18/17

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BUG LISTING

XAMU - Type 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	16,518	177	93	B2-U0-G2
	CW-HSS	10,690	179	60	B1-U0-G2
	NW	15,024	186	81	B2-U0-G2
	NW-HSS	9823	188	52	B1-U0-G2
SS	CW	13,460	136	99	B2-U0-G2
	CW-HSS	8711	136	64	B1-U0-G2
	NW	12,446	142	88	B2-U0-G2
	NW-HSS	8137	142	57	B1-U0-G2

XAMU - Type 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	14,788	175	85	B3-U0-G2
	NW	12,543	176	71	B3-U0-G2
SS	CW	12,132	135	90	B3-U0-G2
	NW	11,224	142	79	B3-U0-G2

XAMU - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	17,332	176	98	B1-U0-G3
	CW-HSS	12,527	179	70	B1-U0-G2
	NW	15,787	176	90	B1-U0-G3
	NW-HSS	11,496	190	61	B1-U0-G2
SS	CW	14,088	136	104	B1-U0-G2
	CW-HSS	10,181	136	75	B1-U0-G2
	NW	13,182	142	93	B1-U0-G2
	NW-HSS	9599	142	68	B1-U0-G2

* Color Temperature: WW-3000K, NW-4000K, CW-5000K

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